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EVALUATION CENTER

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RENDERED TO

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PRODUCT EVALUATED

SilverMax 30 Roofing Underlayment

EVALUATION PROPERTY

Physical Properties

Report of Testing SilverMax 30 Roofing Underlayment for compliance with the applicable requirements of the following criteria: ICC-ES AC207, Acceptance Criteria for Polypropylene Roof Underlayments, Approved February 2012

TEST REPORT

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5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

The product test results, together with the applicable requirements are shown in Tables below. A full set of test results is included in Appendix A.

Table 1. AC207 Physical Properties			
Property	Test Result	Requirement	Verdict
Unroll-ability <ul style="list-style-type: none"> At 50°F (10°C) At 140°F (60°C) 	No cracking No cracking	No cracking No cracking	Pass Pass
Water Vapor Transmission, perms	0.02(Water Method) 0.05 (Desiccant Method)	As Reported	NA
Pliability <ul style="list-style-type: none"> Longitudinal Transverse 	No cracking or delamination No cracking or delamination	No cracking or delamination	Pass Pass
Liquid Water Transmission	No wetness	No wetness	Pass
Fastener Pull-Through Resistance, lbf No.12 gage Flooring Nails <ul style="list-style-type: none"> As Received Accelerated-Aging Ultraviolet-Light 	36 35 35	≥ 25 ≥ 25 ≥ 25	Pass Pass Pass
No.16 gage Staple <ul style="list-style-type: none"> As Received Accelerated-Aging Ultraviolet-Light 	25 24 24	≥ 17 ≥ 17 ≥ 17	Pass Pass Pass
Tear Resistance ¹ , gf As Received <ul style="list-style-type: none"> Longitudinal Transverse 	>2934 >2781	≥ 2560 ≥ 2560	Pass Pass
After Accelerated Aging <ul style="list-style-type: none"> Longitudinal Transverse 	>3091 >3200	≥ 2560 ≥ 2560	Pass Pass
After Ultraviolet Aging <ul style="list-style-type: none"> Longitudinal Transverse 	2691 3082	≥ 2560 ≥ 2560	Pass Pass
Accelerated Aging	No visible damage	No visible damage	Pass
Ultraviolet Resistance	No visible damage	No visible damage	Pass

Table 2. AC188 Physical Properties			
Property	Test Result	Requirement	Verdict
Tensile strength, lbf/in. As Received			
• Longitudinal	78	≥ 25	Pass
• Transverse	67	≥ 25	Pass
After Accelerated Aging			
• Longitudinal	77	≥ 25	Pass
• Transverse	64	≥ 25	Pass
After Ultraviolet Aging			
• Longitudinal	77	≥ 25	Pass
• Transverse	69	≥ 25	Pass

Note:

1. The tear resistance was conducted by Intertek Testing Services NA. Ltd, Coquitlam lab.

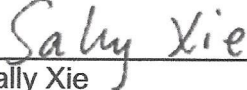
6 Conclusion

The SilverMax 30 Roofing Underlayment product identified and evaluated in this report has met the requirements contained in ICC-ES AC207, Acceptance Criteria for Polypropylene Roof Underlayments, Approved February 2012. The product test results are presented in Section 5 of this report.

The conclusions of this test report may be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK

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